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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/887,803	06/22/2001	Aloke Guha	STK 97056 PUSY	8390
7590	09/02/2005		EXAMINER	
Timothy R. Schulte Storage Technology Corporation One StorageTek Drive, MS-4309 Louisville, CO 80028-4309			REFAI, RAMSEY	
			ART UNIT	PAPER NUMBER
			2152	

DATE MAILED: 09/02/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	09/887,803	GUHA, ALOKE
	Examiner	Art Unit
	Ramsey Refai	2152

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 30 June 2005.
 2a) This action is FINAL. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-44 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) 1-12 is/are allowed.
 6) Claim(s) 13-44 is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____

DETAILED ACTION

Response to Amendment

Responsive to Amendment received on June 30, 2005.

Claims 1-12 are allowed. Claims 1-44 are pending.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 13-44 are rejected under 35 U.S.C. 102(b) as being anticipated by Slotznick (U.S. Patent No. 6,011,537).

3. As per claim 18 Slotznick teaches a system for providing quick downloading of web pages at a remote device, the system comprising:

a server computer; a first storage device in communication with the server computer for storing a first plurality of web pages and for receiving a first signal from the remote device indicating selection of one of the first plurality of web pages (**column 4, lines 38-65**); and a second storage device in communication with the first storage device; the second storage device for storing a second plurality of web pages linked to the first plurality of web pages and for transferring all of the second plurality of web pages that are linked to the selected one of the first plurality of web pages to the first storage device in response to the first signal so

that anticipated web pages linked to any web pages selected by the remote device are quickly accessible by the remote device (**column 4, lines 45-65, column 14, lines 61-67, and column 12, lines 4-18**).

4. As per claim 19, Slotznick teaches the first storage device comprises a fast memory and the second storage device comprises a disk memory (**Figure 2, column 19, lines 5-8, and column 4, lines 43-51**).

5. As per claim 20, Slotznick teaches the first storage device is further operative to delete each of the non-selected first plurality of web pages in response to the first signal (**column 4, lines 45-59 and column 25, line 40-column 26, line 19**).

6. As per claim 21, Slotznick teaches the second storage device, in storing the second plurality of web pages linked to the first plurality of web pages, stores the second plurality of web pages based on one of an average size and a minimum size of each web page linked to each of the first plurality of web pages and a reaction time of a client operating the remote device (**column 17, line 35-column 18, line 25**).

7. As per claim 22, Slotznick teaches the second storage device is further operative to store the second plurality of web pages based on an average propagation delay between the client and the server, an average link bandwidth between the client and the server, and an access time to access a partition in the storage device (**column 17, line 35-column 18, line 25**).

8. As per claim 23, Slotznick teaches the first storage device is a cache (**abstract and column 4, lines 39-59**).
9. As per claim 24, Slotznick teaches the first storage device is a random access memory (**abstract and column 4, lines 39-59**).
10. As per claim 25, Slotznick teaches the second storage device is an internal memory (**abstract and column 4, lines 39-59**).
11. As per claim 26, Slotznick teaches the second storage device is an external memory (**abstract and column 4, lines 39-59**).
12. As per claim 27, Slotznick teaches the second storage device is a hard drive (**abstract, column 4, lines 39-59 and column 40, lines 30-35**).
13. As per claim 28, Slotznick teaches the second storage device is a redundant array of inexpensive disks (**column 18, line 66-column 19, line 2 and column 4, lines 39-59 and column 40, lines 30-35**).
14. As per claims 13-17 and 44, these claims have similar limitations as claims 18-28 above, therefore are rejected under the same rationale.

Response to Arguments

Applicant's arguments filed June 30, 2005 have been fully considered but they are not persuasive.

- Applicant argues in substance that Slotznick does not link secondary information to primary information and does not transfer secondary information linked to a selected one of the primary information to the first storage.
- In response, Examiner respectfully disagrees. Slotznick does link the secondary information to the primary information by using links, such as keyholes, hypertext, and hypertext links, embedded into the primary information. By clicking on these embedded links, the user can view the secondary information. (**see column 21, line 60-column 22, line 35, column 28, lines 25-40**). Slotznick also teaches transferring secondary information linked to selected primary information to the first storage. In one embodiment, the primary information is stored in a first storage area and secondary information is stored in a second storage area. When the user requests the secondary information, the secondary information is transferred from the second storage area to the first storage area, replacing the primary information. (**see column 26, lines 48-61, column 24, line 10-column 28, line 40**).

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

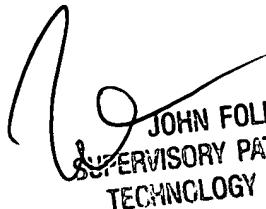
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ramsey Refai whose telephone number is (571) 272-3975. The examiner can normally be reached on M-F 8:30 - 5:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Ramsey Refai
Examiner
Art Unit 2152

ML
August 30, 2005


JOHN FOLLANSBEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100